

MEASUREMENT

WORD PROBLEMS



2 MINI-LESSONS

Measurement Conversions

1 km	1,000 m
1 m	100 cm
1 kg	1,000 g
1 L	1,000 mL
1 lb.	16 oz.
1 ft	12 in
1 yd.	3 ft
1 min.	60 sec
1 hr.	60 min.
1 day	24 hrs.

Measurement Word Problems

The pool can hold 200 L of water. There is only 40 L of water in the pool now. How many mL of water leaked out?

$$\begin{array}{r} 200 \\ - 40 \\ \hline 160 \end{array} \quad \begin{array}{l} 100 \times 160 \\ = 160,000 \text{ mL} \end{array}$$

You have to walk 8 km to the store. You've walked 3,000 m so far. How many more kilometers do you still need to walk?

$$3,000 \div 1,000 = 3 \text{ km} \quad 8 - 3 = 5 \text{ km}$$

The worm traveled 400 cm on Monday and 2 m on Tuesday. How far did the worm travel total?

$$\begin{array}{r} 400 \\ + 200 \\ \hline 600 \text{ cm or } 6 \text{ m} \end{array}$$

Each chair weighs 5 kg. You have 3 chairs. How many grams do the chairs weigh altogether?

$$5 \times 3 = 15 \text{ kg} \quad 15 \times 1,000 \text{ g} = 15,000 \text{ g}$$

You are 60 inches tall and your brother is 96 inches tall. In feet, how much taller is your brother than you?

$$\begin{array}{r} 96 \\ - 60 \\ \hline 36 \text{ in} \end{array} \quad 36 \div 12 = 3 \text{ feet}$$

Your coach tells you to run 8 yards today and 2 yards tomorrow. How many feet will you run in all?

$$8 + 2 = 10 \text{ yards} \quad 10 \times 3 = 30 \text{ feet}$$

You take a bath for 2 and a half hours. How many minutes were you in the bathtub?

$$2 \text{ hrs} \times 60 = 120 \text{ min.} \quad + 30 = 150 \text{ minutes}$$

It took you 300 seconds to run one lap around the track. It took your friend only 180 seconds. How many minutes faster were they than you?

$$\begin{array}{r} 300 \\ - 180 \\ \hline 120 \text{ sec.} \end{array} \quad 120 \div 60 = 2 \text{ min.}$$

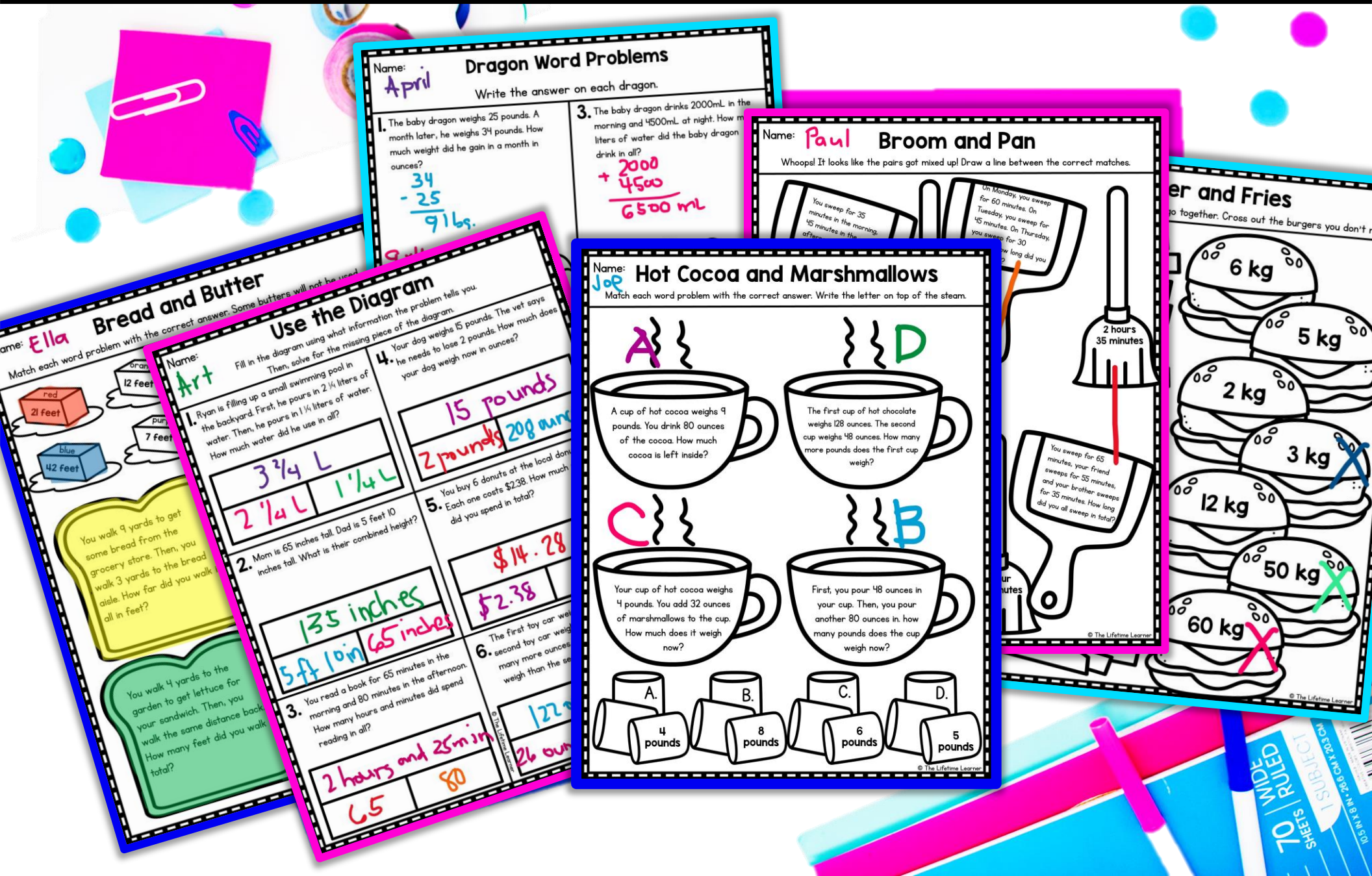
It takes you 72 hours to reach the Grand Canyon. It takes you 168 hours to reach the beach. How many more days does it take you reach the beach than the Grand Canyon?

$$\begin{array}{r} 168 \\ - 72 \\ \hline 96 \text{ hours} \end{array} \quad 96 \div 24 = 4 \text{ days}$$

The dog is holding a steak that weighs 8 lb. He eats 12 ounces of the steak. How many pounds does the steak weigh now?

$$12 \div 16 = 7 \text{ lbs.} \quad 8 - 7 = 1 \text{ lb.}$$

10 WORKSHEETS



Name: **Ella** **Bread and Butter**
Match each word problem with the correct answer. Some butters will not be used.

red 21 feet
blue 42 feet
gran 12 feet
pup 7 feet

You walk 9 yards to get some bread from the grocery store. Then, you walk 3 yards to the bread aisle. How far did you walk all in feet?

You walk 4 yards to the garden to get lettuce for your sandwich. Then, you walk the same distance back. How many feet did you walk total?

Name: **Art** **Use the Diagram**
Fill in the diagram using what information the problem tells you. Then, solve for the missing piece of the diagram.

1. Ryan is filling up a small swimming pool in the backyard. First, he pours in $2\frac{1}{4}$ liters of water. Then, he pours in $1\frac{1}{4}$ liters of water. How much water did he use in all?

2. Mom is 65 inches tall. Dad is 5 feet 10 inches tall. What is their combined height?

3. You read a book for 65 minutes in the morning and 80 minutes in the afternoon. How many hours and minutes did spend reading in all?

4. Your dog weighs 15 pounds. The vet says he needs to lose 2 pounds. How much does your dog weigh now in ounces?

Name: **April** **Dragon Word Problems**
Write the answer on each dragon.

1. The baby dragon weighs 25 pounds. A month later, he weighs 34 pounds. How much weight did he gain in a month in ounces?

34
- 25

9 lbs.

3. The baby dragon drinks 2000mL in the morning and 4500mL at night. How many liters of water did the baby dragon drink in all?

2000
+ 4500

6500 mL

Name: **Paul** **Broom and Pan**
Whoop! It looks like the pairs got mixed up! Draw a line between the correct matches.

You sweep for 35 minutes in the morning, 45 minutes in the afternoon, and 30 minutes at night. How long did you sweep in all?

On Monday, you sweep for 60 minutes. On Tuesday, you sweep for 45 minutes. On Thursday, you sweep for 30 minutes. How long did you sweep in all?

Name: **Joe** **Hot Cocoa and Marshmallows**
Match each word problem with the correct answer. Write the letter on top of the steam.

A cup of hot cocoa weighs 9 pounds. You drink 80 ounces of the cocoa. How much cocoa is left inside?

The first cup of hot chocolate weighs 128 ounces. The second cup weighs 48 ounces. How many more pounds does the first cup weigh?

Your cup of hot cocoa weighs 4 pounds. You add 32 ounces of marshmallows to the cup. How much does it weigh now?

First, you pour 48 ounces in your cup. Then, you pour another 80 ounces in. how many pounds does the cup weigh now?

A. 4 pounds
B. 8 pounds
C. 6 pounds
D. 5 pounds

er and Fries
to together. Cross out the burgers you don't r

6 kg
5 kg
2 kg
3 kg
12 kg
50 kg
60 kg

1 SUBJECT
70 WIDE RULED
SHEET
100% RECYCLED PAPER

CUT & PASTE ACTIVITY #1

I have 180 ounces of applesauce. I added cinnamon to 36 ounces of the applesauce. How many pounds of applesauce do not contain cinnamon?

I have 14 ounces of red apples and 18 ounces of green apples. How many pounds of apples do I have?

I put 42 ounces of chopped apples and 38 ounces of sliced apples in the fridge. How many pounds of apples are in the fridge?



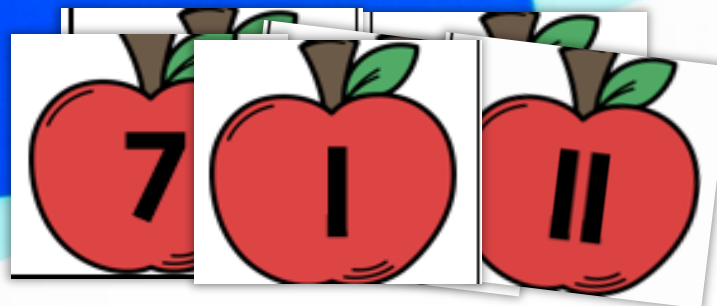
I started with 200 ounces of apples. 88 ounces of apples rotted. How many pounds of apples do I have left?

I collected 100 ounces of apples. 48 ounces was rotted. 36 ounces was eaten. How many pounds of apples do I have left?

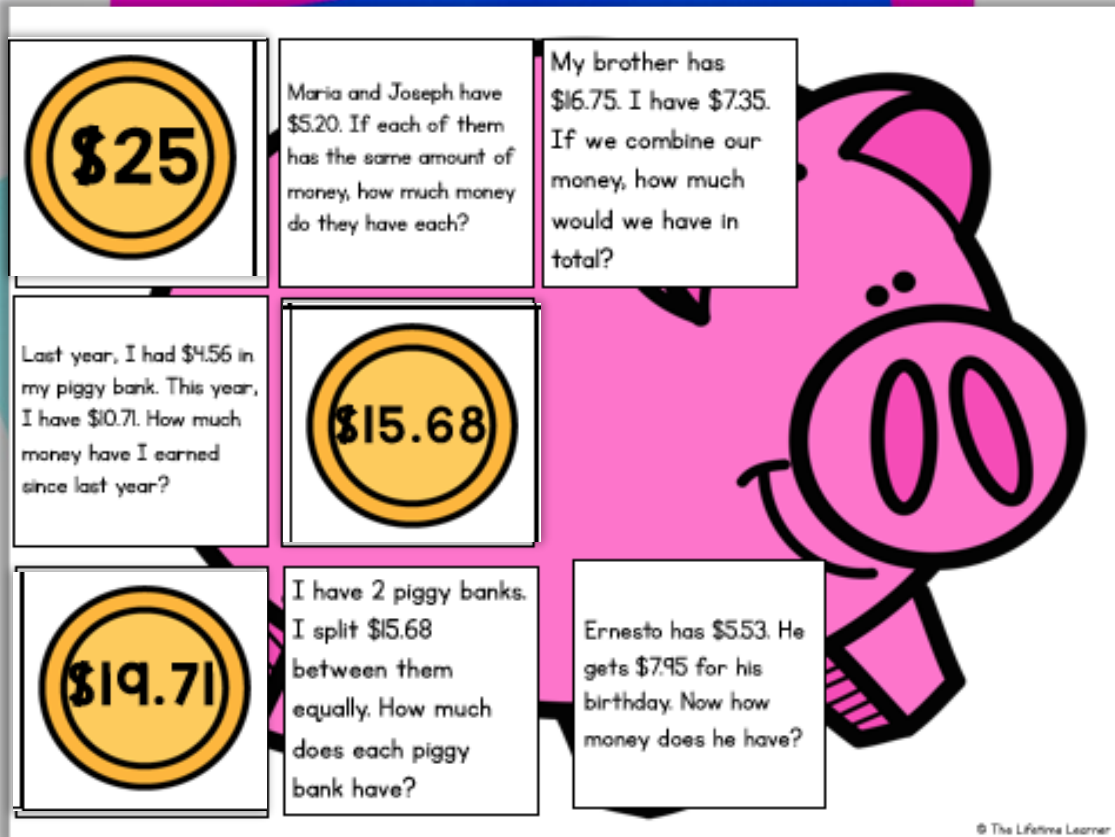
I have 87 ounces of red apples and 89 ounces of green apples. How many pounds of apples do I have?

I made 144 ounces of apple pie. I share the apple pie equally between myself and two friends. How many pounds of apple pie did each person receive?

I picked 144 ounces of apples. I used some of the apples to make a pie. Now only 48 ounces are left. How many pounds were used to make a pie?



CUT & PASTE ACTIVITY #2



\$25

Maria and Joseph have \$5.20. If each of them has the same amount of money, how much money do they have each?

My brother has \$16.75. I have \$7.35. If we combine our money, how much would we have in total?

Last year, I had \$4.56 in my piggy bank. This year, I have \$10.71. How much money have I earned since last year?

\$15.68

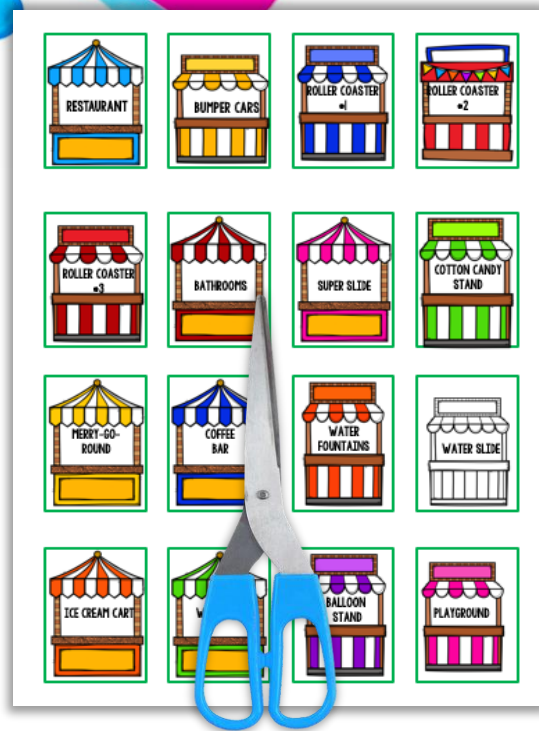
I have 2 piggy banks. I split \$15.68 between them equally. How much does each piggy bank have?

Ernesto has \$5.53. He gets \$7.95 for his birthday. Now how much money does he have?

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GAME #1



Restaurant

You find 5 boxes of burgers that each weigh 5,000 grams. How much do the fries weigh in kilograms altogether?

Roller Coaster #2

You have \$20 to spend at the amusement park. You spend \$4.75 riding on the first roller coaster and \$2.50 at the second roller coaster. How much money do you have left?

12.75

Bumper Cars

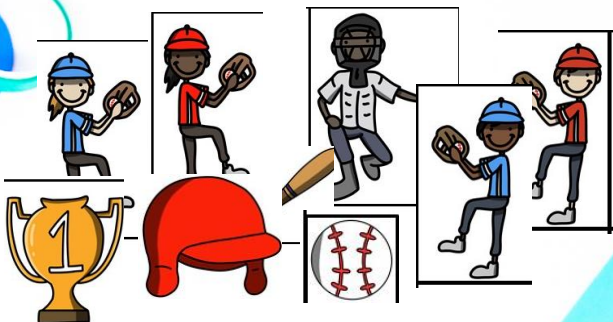
You are holding a bumper car toy you got at the amusement park. It weighs 17,000 grams. It loses some fluff and now weighs 4,000 grams. How many kilograms of fluff was lost from the toy?

HOW TO PLAY:

Students work together to solve each task card. When they find the answer, they'll know where to place each sign.

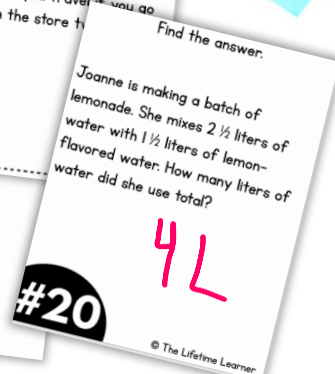
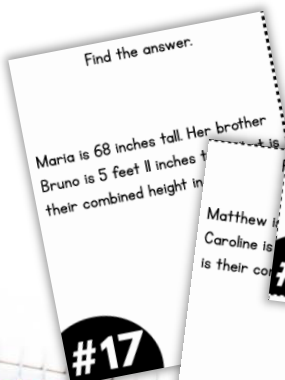
GAME #2

FOR 2-4 PLAYERS



HOW TO PLAY:

1. All players receive a game mat.
2. Students answer a question card.
3. If they are correct, they earn an item.
4. The first person to earn 10 items wins.
5. Chance cards included to spice up gameplay.



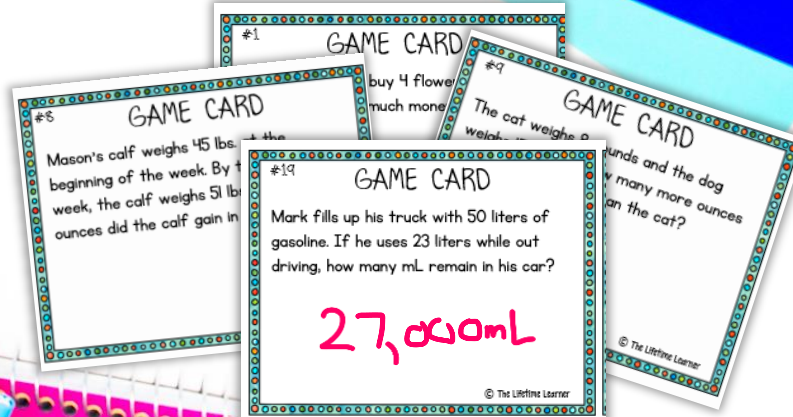
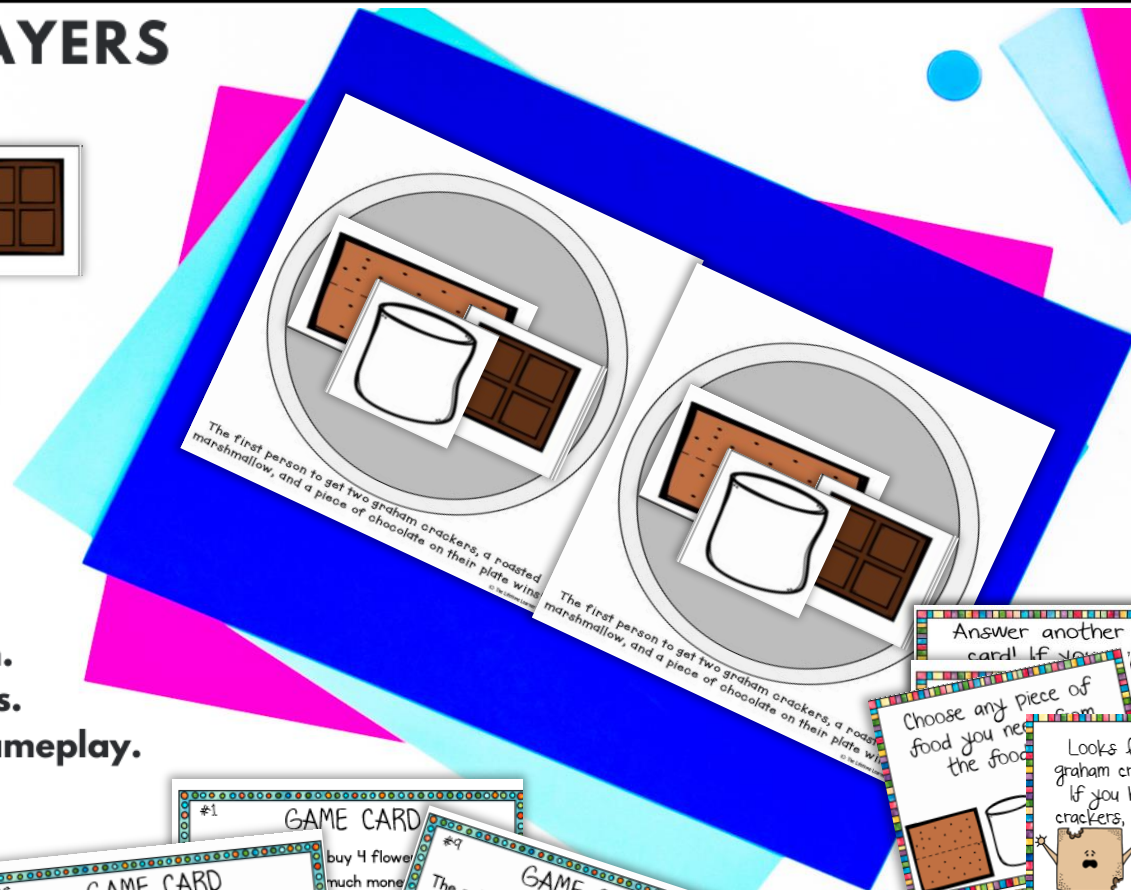
GAME #3

FOR 2-4 PLAYERS



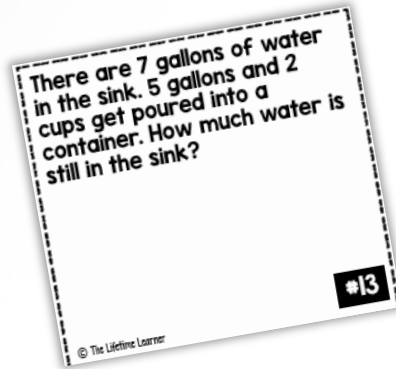
HOW TO PLAY:

1. All players receive a game mat.
2. Students answer a question card.
3. If they are correct, they earn an item.
4. The first person to earn 10 items wins.
5. Chance cards included to spice up gameplay.



GAME #4

the perfect game to play with the whole class



Click the bucket to see this game in action.

HOW TO PLAY:

1. Students answer task cards.
2. If they get it right, they drop it in the bucket.
3. Students play for a set amount of time.
4. At the end of gameplay, the teacher draws task cards out of the bucket.
5. Any student whose task card gets pulled out gets a small prize.



BUY THE BUNDLE AND SAVE BIG!

4TH GRADE MATH BUNDLE

Partial Products
Name: *ericka*
Use your knowledge of partial products to solve each equation.

1. Equations: $2 \times 5,096$
 $5000 \times 2 = 10000$
 $0 \times 2 = 0$
 $90 \times 2 = 180$
 $6 \times 2 = 12$

2. Equations: $4 \times 8,923$
 $8000 \times 4 = 32000$
 $900 \times 4 = 3600$
 $20 \times 4 = 80$
 $3 \times 4 = 12$

3. Equations: $8 \times 5,624$
 $5000 \times 8 = 40000$
 $600 \times 8 = 4800$
 $20 \times 8 = 160$
 $4 \times 8 = 32$

4. Equations: $5 \times 2,089$
 $2000 \times 5 = 10000$
 $0 \times 5 = 0$
 $80 \times 5 = 400$
 $9 \times 5 = 45$

My Space Scene
To win, you must have 10 items in your space scene.
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6000+ PAGES

GAMES **ACTIVITIES** **WORKSHEETS**

